

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Soo-doo CHAE, et al.

Serial No. 10/681,346

Filed: October 9, 2003

For: METHOD FOR MANUFACTURING A SINGLE  
ELECTRON MEMORY DEVICE HAVING QUANTUM  
DOTS BETWEEN GATE ELECTRODE AND SINGLE  
ELECTRON STORAGE ELEMENT

Notice of Allowance Mailed:  
December 9, 2004

*Previously Pending in*  
Art Unit: 2818

Examiner: Dung Anh LE

*Confirmation No.* 8321

**REQUEST FOR ACKNOWLEDGMENT OF ENTRY OF PREVIOUSLY SUBMITTED  
INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Mail Stop: ISSUE FEE  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement ("IDS") was timely filed on October 9, 2003. A print-out from the PTO file wrapper image data base and copy of the document printed from same are attached, evidencing that this paper is of record herein.

To date the Examiner has not acknowledged receipt and entry of the reference(s) identified therein.

Applicant respectfully requests that the listed document(s) be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

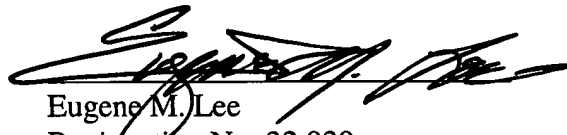
For the Examiner's convenience, also enclosed are copies of the two non-U.S. patent references identified in the IDS.

FEE PAYMENT

In view of the timely filing of the IDS (on the original date of filing the captioned divisional application), no fee under 37 C.F.R. §1.17(p) appears applicable.

Respectfully submitted,

December 30, 2004  
Date

  
Eugene M. Lee  
Registration No. 32,039

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**DEPOSIT ACCOUNT CHARGE AUTHORIZATION**

If fee payment is enclosed, this amount is believed to be correct. However, the Director is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-1645.

Any additional fee(s) necessary to effect the proper and timely filing of the above-paper may also be charged to Deposit Account No. 50-1645.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 249/286 DIV.

In re patent application of

Soo-Doo CHAE, et al.

Serial No.

*[Division of Serial No. 10/125,597, filed April 19, 2002]*

Filed: October 9, 2003

For: SINGLE ELECTRON MEMORY DEVICE COMPRISING QUANTUM DOTS BETWEEN GATE  
ELECTRODE AND SINGLE ELECTRON STORAGE ELEMENT AND METHOD FOR  
MANUFACTURING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.56**

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB08 (A *and/or* B) is a listing of a document(s) known to applicant in order to comply with applicant's duty of disclosure pursuant to 37 C.F.R. §1.56. These references correspond to the art cited during prosecution of parent application Serial No. 10/125,597, having a filing date of April 19, 2002, on which applicant relies under 35 U.S.C. 120. Accordingly, copies of the references need not be submitted; 37 C.F.R. §1.98(d)(1).

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application. Applicant does not waive any rights to take any action that would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

☒ The listed document(s) is/are being cited in compliance with 37 C.F.R. 1.97(b)(3): submission before the mailing date of the first action on the merits. [Box checked if applicable.]

☐ The foregoing document came to applicant's attention during the prosecution of their corresponding Korean application. [Box checked if applicable.]

### CERTIFICATION

☐ The undersigned hereby certifies in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Statement. [Box checked if applicable.]

Applicant respectfully requests that the listed document(s) be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.


### SEE PAYMENT

- ☐ The fee mandated by 37 C.F.R. §1.17(p) is believed applicable. [Box checked if applicable.]
- ☐ Attached is a check in payment of this fee (\$180.00). [Box checked if applicable.]
- ☐ This fee may be charged to Deposit Account No. 50-1645. (A duplicate copy of this paper is enclosed.) [Box checked if applicable.]

Respectfully submitted,

October 9, 2003

Date

  
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### DEPOSIT ACCOUNT CHARGE AUTHORIZATION

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